

Amateur Radio Newsline report number 1743 with a release date of Friday, January 7, 2011 to follow in 5-4-3-2-1.

The following is a Q-S-T. Hams in Missouri face a series of killer tornados while their counterparts in Australia go on alert as massive rains hit Queensland state. Also, the South African Radio League prepares to ask that nations telecommunications regulators to expand 160 meters, researchers say that cubersecurity is really the new civil defense and Russia announces plans to take the Internet into space. Find out the details on Amateur Radio Newsline(tm) report number 1743 coming your way right now.

(Billboard Cart Here)

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RESCUE RADIO: MISSOURI SKYWARN HAMS CALLED OUT AS TWISTERS HIT REGION

Ham radio first responders' associated with SKYWARN were called out as killer storms swept across Southwest Missouri just before New Years. David Black, KB4KCH, is in our South-East Bureau with the details:

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For amateur radio operators in Missouri, the end of 2010 was anything but quiet. Killer storms roared across southwestern parts of the state December 30th and 31st. Two of the twisters were rated as EF-3s. 3 people were killed in Missouri, with three more deaths reported in Arkansas.

Rod Kittleman, K0ADI, is the ARRL's Information Officer in Southwestern Missouri. He says hams monitored the storms including supercell thunderstorms as they moved from Arkansas, across the state line, leaving extensive damage:

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K0ADI: "We had storm spotters from our SKYWARN group out all the way from Chhristian County ARES, Green County, Texas County, etc. Pretty much (observing) as the storms tracked along through Arkansas through Missouri, we had each of the ARES groups in the individual counties who where continuing to track the storms and relay the information to the National Weather Service.

"We had spotters that were out, chasing the storm and watching the stor. A very, very active bunch of people."

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For at least 14 hours, radio amateurs stayed active, tracking storms and reporting on their progress to National Weather Service forecasters in Springfield. Kittleman says the storms hit with bad timing, which teaches hams a valuable lesson:

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K0ADI: " You always have to be prepared because you never know whats going to happen. The bad thing about this storm is that it happened on a holiday when a lot of people are not thinking about these kind of storms. They are out doing their holiday activities

"Everybody needs to be prepared for all times in all seasons, but this shows that ham radio operators are always prepared all season long."

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Despite the large amount of territory affected, Kittleman says Skywarn and ARES groups coordinated efforts closely. That resulted in an active flow of real time information on the storms and the damage they were causing:

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K0ADI: "I was actually n the air about 7:30 in the morning and tracked one tornado that went from the Missouri -Arkansas border all the way up to the Ft. Leonardwood wild area. That was the one that ended up killing a couple of people up there."

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The various amateur radio teams are being praised for their efforts to keep the community safe. Weather Service Forecasters say they were impressed at the amount of response and support hams in the state gave when it was so badly needed.

>From the Southeast Bureau in Birmingham, Alabama, I'm David Black, KB4KCH, for The Amateur Radio Newsline.

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In all, At least 5 tornadoes, 2 of which produced fatalities and numerous severe thunderstorms pounded the Missouri Ozarks for over 14 hours on December 30th into New Years Eve.

(N0UAM, K0ADI, others)

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RESCUE RADIO: VK HAMS RESPOND TO QUEENSLAND FLOODING

Massive flooding in Australia's Queensland state puts that nations corps of ham radio volunteers on alert. Les Unwin, VK4VIL, is in the city of Rockhampton with the latest:

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Following widespread rains over the past several weeks, Queensland's Fitzroy River is currently in full flood, with water inundating towns

on its movement downstream. The Fitzroy basin, covering some 53,000 square kilometers is Australia's second largest river system.

After completely drowning some towns such as Theodore in its more western tributaries, then devastating the larger town of Emerald of 12,000 people, Rockhampton, population 75000, is now facing what could be its second largest flood in recorded history. The city is already totally isolated with airport, all feeder highways and rail links underwater. Sadly, several lives have been lost as a result of flood related incidents.

Rockhampton and District Amateur Radio Club President, Jack Chomley VK4JRC has a good number of club members on standby and registered with State Emergency Service and the Disaster Management Committee, with suitable equipment available for activation if the situation worsens, for relief of emergency workers or particularly in the case of power failure. Fortunately, amateur radio operators contacted in upstream areas have also not been called upon for assistance at this time.

The River is expected to take several weeks to return to its normal level.

For the Amateur Radio Newsline, I'm Les Unwin, VK4VIL, in Rockhampton.
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Expect more on this rescue radio effort in upcoming Amateur Radio Newsline reports. (WIA News)

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ENFORCEMENT: ALLEGED HONEYBEE SHOOTER WAS A HAM

The ham believed to be the so called possible 'honeybee' shooter is dead. Gary Amaya, 48, KC9AWD, was shot with his own gun while apparently trying to rob an Orland Park, Illinois, tanning salon on Saturday, December 11th.

Last October, three men were shot, one fatally, near the Illinois-Indiana border. The shootings appeared entirely random. One victim, a farmer, had a conversation with the shooter about honeybees before he was shot, earning the killer his nickname of the honeybee shooter.

Two months later, Gary Amaya was allegedly robbing an L.A. Tan location at gunpoint when a customer, Jason McDaniel, came through the door. McDaniel disarmed Amaya, and ultimately shot him twice, killing him.

Shortly after Amaya was killed, police released surveillance video. The tape shows Amaya, clad in black, having bound the attendant behind the counter. McDaniel enters the store, and is brought behind the counter. At one point, Amaya, having set the gun down, bends over, and McDaniel seizes his opportunity, rushing forward to strike Amaya and grab the gun. The two men then move into a hallway just out of the frame, where apparently Amaya lunges at McDaniel. A shot goes off in the ensuing struggle, Amaya appears dazed but still a threat. Then McDaniel shoots

him in the stomach.

According to an unnamed family friend, Amaya showed no earlier signs of violence. But something apparently changed in the man from tiny downstate Rankin, Illinois this past summer after he lost his job at a Milford trucking company. By October, when the "honeybee" shootings started, Amaya had cut off ties with even his closest friends. (WB9QZB, Chicago Tribune OnLine, Morris Daily Herald, CNN, other sources)

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RESTRUCTURING: SARL PREPARING DOCUMENTATION TO INCREASE 160 METRE ALLOCATION

The South African Radio League is preparing documentation to gain access to additional spectrum on the 160 meter band for amateur communication in that nation.

South African radio amateurs are invited to make input by sending their views as to why it is necessary to expand the very narrow allocation currently available. Responders are asked to include items such as propagation studies and of what benefit an expanded 160 meter allocation will be.

South African hams should send the information to zs6akv (at) sarl (dot) org (dot) za by end January. The South African Radio League proposal will be presented at the next SARL and the Independent Communications Authority of South Africa liaison meeting planned for February of 2011. (SARL)

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BREAK 1

>From the United States of America, We are the Amateur Radio Newsline, heard on bulletin stations around the world including the W9BBK repeater serving Bollingbrook, Illinois.

(5 sec pause here)

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ENFORCEMENT NEEDED: RESEARCHERS CALL CYBERSECURITY THE NEW CIVIL DEFENSE

A pair of University of Cincinnati researchers says the nation's cybersecurity is being threatened because an important element in establishing it is not being emphasized enough. That of citizen awareness and participation. Amateur Radio Newsline's Bill Pasternak, WA6ITF, has more:

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In equating today's citizen role in cybersecurity to the Civil Defense efforts developed at the advent of the era of atomic weapons, Political

Science faculty members Richard Harknett and James Stever argue that an active role for citizenry participation in security efforts is largely being overlooked.

They make their case in a new paper published in the "Journal of Homeland Security and Emergency Management." Harknett and Stever argue that a three-pronged approach to cybersecurity is necessary. They note that ideas of coordination within government agencies and also between government and business interests surface in almost every discussion on the topic, but engagement with the public about the role they can play in cybersecurity rarely gets mentioned.

The two researchers say that the general population must be engaged as active security providers, not simply beneficiaries of security policy. This is because their practices often create the threats to which government must respond. As an example, they cite the hijacking last July of up to 50,000 computers for use in a botnet denial-of-service attack on Web sites operated by the U.S. and South Korean governments.

For the Amateur Radio Newslite, I'm Bill Pasrternak, WA6ITF, in Los Angeles.

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Currently, the government is in a period of re-examining policy towards cybersecurity. The New York Times recently published an extensive story examining U.S. deficiencies in policy towards cyber attacks, and a new study of 600 computer and computer-security executives showed high levels of concern that cyber attacks at any time could compromise our nations energy and communication sectors. (University of Cincinnati via Science Daily)

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ENFORCEMENT: FCC CITES MICHIGAN BUSINESS FOR SELLING UNAUTHORIZED CB SETS

The FCC has issued an Official Citation to Doctor Radio's CB Shop of Monroe, Michigan. This for marketing unauthorized radio frequency devices in the United States in violation of Section 302(b) of the Communications Act, and Section 2.803(a)(1) of the Commission's rules. The devices are identified as high power CB radios that could operate outside of the 11 meter Class D Citizens Radio Band.

By way of background, on October 20, 2010, an agent from the Enforcement Bureau's Detroit Office visited the Doctor Radio. At that time he observed that the store offered for sale the Cobra Sound Tracker and the Cobra 150 GTL DX. A store employee explained to the agent that the Cobra Sound Tracker was modified to operate with 170 watts of power. The store employee further explained that the Cobra 150 GTL DX was an amateur radio that could operate on CB frequencies. Under current FCC Rules, both of these radios are illegal to sell in the United States.

The Citation warns Doctor Radio's CB Shop that if, after receipt of the Citation, that it violates the Communications Act or the Rules by

engaging in such sales that the Commission may impose monetary forfeitures of up to \$16,000 for each such violation or each day of a continuing violation and up to \$112,500 for any single act or failure to act. In addition, violations of the Communications Act or the Rules can result in seizure of equipment through forfeiture actions, as well as criminal sanctions, including imprisonment.

Doctor Radio's CB Shop was given thirty days after the January 5th release date of the Citation to reply either through a personal interview at the closest FCC office, or through a written statement. Any written statements must specify what actions have been taken by Doctor Radio to ensure that it does not violate the Rules governing the marketing of radio frequency devices in the future. (FCC)

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NAMES IN THE NEWS CORRECTION: IT'S A QSO A DAY FOR G6NHU DURING 2011

And a correction to last weeks story about Keith Maton, G6NHU, who has embarked on an ambitious project throughout 2011 to have a QSO every day of the year. Somehow we typo'ed his call the wrong way in the story header. His correct all letters are G6NHU.

And as we noted correctly, there is a blog to follow the progress of this project at www.qso365.co.uk. The blog won't necessarily be updated every day but it will document how the project is going with updates as time permits. (G6NHU)

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NAMES IN THE NEWS: W4MD APPOINTED AS ALABAMA SM

David Drummond, W4MD, of Northport, Alabama has been appointed Alabama Section Manager effective January 1st. He succeeds Jay Isbell, KA4KUN, who had served as Section Manager since January 2008 but had resigned in December 2010 due to health related reasons. Drummond has served as Alabama Assistant Section Manager since January 2008. He will complete the current Alabama Section Manager term that continues through December 31st of this year. (ARRL)

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NAMES IN THE NEWS: 2011 NEW ZEALAND DX HALL OF FAME INDUCTEES

John N. Shaw, ZL1BYZ, Bryan Anderson, ZL2AFT, and the late Peter W. Watson. ZL3GQ, have been selected asv the 2011 honorees have been selected for iunduction into the New Zealand DX Hall of Fame. Each was choen based on his dedication to ham radio and the furthering of the art of DX operation.

The New Zealand DX Hall of Fame was established in 2009 to honor those outstanding ZL DXers and testers who have excelled in the radio sport aspect hobby over many years. The current panel of judges includes Ken McCormack, ZL1AIH, Duncan McMahon, ZL3JT and Bill Carney, ZL3NB. (ZL2AL)

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THE SOCIAL SCENE: HAMVENTION AWARDS NOMINATING PERIOD ENDS JANUARY 15th

And a reminder that the deadline for Hamvention award nominations is getting close. The Hamvention now sponsors four annual awards. These are the Technical Excellence, Special Achievement and Radio Amateur of the Year Awards. And as the special Radio Club of the Year was such a big success in 2010, that Hamvention planners have decided to make it a permanent addition to the Hamvention Awards program.

If you know of a radio amateur or a club deserving of recognition please submit your nomination. Further information and nomination forms can be found on-line at www.Hamvention.com in the awards section. To be considered for any award the nominations must be submitted no later than January 15, 2011. Nominations go by mail to Hamvention Awards, Post Office Box 964, Dayton, Ohio, 45401.

Again, the cutoff date to submit nominations is January 15th which is less than a week away. (Hamvention)

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WITH NEWSLINE: RADIO SCOOTER INTERNATIONAL TO AIR ARNEWSLINET

Some good news for those hams who have been asking if any Internet radio stations retransmit these weekly Amateur Radio Newsline reports. Well Bill Bergadano, KA2EMZ, reports that his station known as Radio Scooter International began carrying Amateur Radio Newsline on January 9th.

According to Bergadano, Amateur Radio Newsline airs at 03:00 U-T-C on Mondays. That translates into 7:30PM Eastern and 4:30PM Pacific Time.

To listen go to [www dot radioscooterinternational dot net](http://www.dot.radioscooterinternational.dot.net). Then click the antenna and then the play button on the next page.

Bergadano tells Newsline that Radio Scooter International has been on the air since 2005, and, has been heard in over 80 countries. (KA2EMZ)

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WITH NEWSLINE: PODCAST ADDRESS CHANGE

And a follow-up to last weeks report that some listeners with the latest iPods cannot get Amateur Radio Newsline to play on their 4th generation devices. We have received several listener responses with possible answers, but Kevin Trotman, N5PRE, who sponsors the Podcast thinks he has the best solution. Kevin has moved the Podcast file to a new server at <http://n5pre.squarespace.com/arnewsline>. He says that the new server should better serve listener needs. A live link to it in bright green is now at our website at [www dot arnewsline dot org](http://www.dot.arnewsline.org). If you are one of those suffering from the problem, please let us know if this fix helps you. Also, keep in mind that this is a direct link and

not the same as available though the Apple iTunes on line store.
(ARNewsline(tm) and N5PRE)

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BREAK 2

This is ham radio news for today's radio amateur. From the United States of America, We are the Amateur Radio Newsline with links to the world from our only official website at www.arnewsline.org and being relayed by the volunteer services of the following radio amateur:

(5 sec pause here)

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SWL CORNER: THREE DX TESTS SET FOR FEBRUARY

If you are an SWL or a ham with a good Medium Wave receiver, listen up. On Saturday February 12th, at precisely oh-seven hundred and oh-eight-hundred U-T-C, radio station KHMO 1070 Kilohertz in Hannibal, Missouri, will conduct a DX test for SWL's worldwide. The test will be with Morse code, sweep tones, and voice announcements for five-minutes at the top of the first hour with its five-kilowatt, three-tower, day pattern, and then five-minutes at the top of the second hour at its one-kilowatt, six-tower, nighttime power.

Also on February 12th, from oh-nine hundred to oh-ten-hundred U-T-C, WLIQ 1530 Kilohertz in Quincy Illinois will conduct a DX test of its own WLIQ will test for twenty minutes using Morse code, sweep tones, voice announcement, special music, sound bites and the like at its fourteen-hundred watts, non-directional, day power. Then WLIQ will test for twenty minutes at two-hundred-ninety watts non-directional, critical hours power. Finally, for the last twenty minutes of the hour, they will test at three watts, non-directional, night power. That's right, we said three watts which is almost miuceo power on the AM broadcast band..

The third, and last test is on Saturday, February 19th. This one will be will be from oh-seven-hundred to oh-eight-hundred U-T-C from WLRB 1510 Kilohertz from Macomb Illinois. The WLRB test for the first thirty-minutes will use Morse code, sweep tones, voice announcement, special music, sound bites at one-kilowatt, non-directional, day power. For the second half of the test, the content will be the same but the power will be reduced to two-hundred-fifty watts, non-directional for its critical hours power.

If you would like to receive a Q-S-L, you can send a written report, or a cassette or CD to the Chief Engineer of these stations by following the rules and sending reports the following address: Gary Glaenger, c/o (Put the name of the station whose DX test your are reporting on the next line), 325 East Douglas Avenue, Jacksonville, Illinois 62650.

Tapes or CDs will be accepted along with written reports but must be cued up to the point of where the best reception is. If sending in a report by mail, you must include a return, self addressed, stamped

envelope if you expect to get back a QSL or any reply.

The reports are being sent to the engineers home address, not the station. So please be patient, as Mr. Glaenzer is the Chief Engineer for 16 radio stations in Missouri and Illinois. E-QSLs are available. Send them to the engineer at glaenzer (at) frontier dot com with both the station call letters and the words "DX test" in the subject line. (W8H DU)

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HAM RADIO IN SPACE: TMA-20 LAUNCH VIDEO NOW ON LINE

Video of the spectacular night launch of the Soyuz TMA-20 spacecraft can be seen on-line at tinyurl.com/2gx5hqd. The TMA-20 launch carried Expedition 26 crew members NASA astronaut Cady Coleman, Russian cosmonaut Dmitry Kondratyev, and European Space Agency astronaut Paolo Nespoli. IZ0JPA to the International Space Station.

This is Nespoli's second trip into space. In June of 2006, IZ0JPA was assigned to the Space Shuttle mission STS-120, which is dedicated to the build-up of the International Space Station. (UniverseToday.com, ARNewsline.orgT)

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HAM RADIO IN SPACE: HOW TO WORK SATELLITES WITH YOUR HT

Clint Bradford, K6LCS, of Mira Loma California, has published an updated copy of the "How to Work Ham Satellites With Your HT" tutorial. Its posted on-line at [www dot work dash sat dot com](http://www.dotworkdashsat.com). (ANS)

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ON THE AIR: CELEBRATING FRANZ LISZT

A group of Hungarian radio amateurs from J noshalma will use the special callsign HG200LST between January 1st and December 31st. This activity is to celebrate the 200th anniversary of the birth of composer and virtuoso pianist Franz Liszt QSL this operation via HA5GY. (DX OnLine)

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HAM DX HELP WANTED: DX'ERS SOUGHT FOR LUXIARY FILI OPERATION

VK4AN, OZ1IKY and possibly others are planning a major operation as 3D2A to Fiji between March 15th and April 2nd and are currently looking for experienced DXers to join them during this operation. They state that their activities will be from Nadi in a 3 story 2 bedroom luxury air conditioned apartment with roof top antennas including a full-size 160 meter Inverted Vee or delta-loop, Spiderbeam, DX-88 and other antennas. Activity will be on 160 through 6 meters but concentrating on the lower bands. If you would like to join their team, contact Eddie, VK4AN, at [vk4an at wia dot org dot au](mailto:vk4an@wia.org.au). More details on this upcoming ham radio luxiary adventure are available at [pacific-dxers dot](http://pacific-dxers.com)

com. (OPDX)

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DX

In DX, word that HA3AUI is shortly heading back to Western Africa. Look for him to be active as 6W2SC from Senegal and J5UAP from Guinea-Bissau between February 1st and March 31st. His activity will be on 160 through 10 meters, mainly on CW and the digital modes. QSL direct via HA3AUI.

V01AU will be active stroke 9M6 from, East Malaysia between March 2nd and the 15th. His operation will include the Commonwealth and ARRL DX SSB Contests. QSL via V01MX.

DC9TH is now on the air as 8Q7TH from Baa Atoll in the Maldives. He's reportedly been heard on 20 meter SSB. If you work him, please QSL to his home call sign.

EI8CC, the former Honorary Secretary of the Irish Radio Transmitting Society and new Irish ambassador to Lesotho will soon be on the air from that nation on CW and SSB as 7P8CC. The final items of his station have been shipped so expect to hear him on the air from Lesotho in the not too distant future.

Lastly, ZS6TQ is now active as 9Q0HQ/6 from the Republic of the Congo. His operation is primarily on weekends and during the week after 1800 UTC. Listen out for him on 40 through 6 meters using CW, SSB and PSK31. QSL via K3IRV.

(Above from various DX ,news sources)

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THAT FINAL ITEM: RUSSIA TO TAKE THE INTERNET INTO SPACE

And finally this week, Russian engineers have started drawing up a plans to take the Internet into space. They say that their new Kosmonet project and its implementation will provide an opportunity for Runet users to enter the Internet in a whole new way. Amateur Radio Newsline's Bruce Tennant, K6PZW, has more:

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The developers of the system say that rapid access to the Internet is only part of the task set before the Kosmonet. They give priority to guaranteeing communications between spacecraft and establishing control over Russian orbited flying objects from any point on the Earth and stable communications with remote regions of Russia.

Vitaly Davydov is the deputy head of the Russian space agency. He says that such a communication system is crucial for the north and in the Polar Regions of Russia because satellites in the geostationary orbit cannot provide access to these regions. He notes that for his nation to build fixed transmitters there or lay optic fiber cables to these

regions is either economically inexpedient or technically impossible.

The new project is an upgraded version of the present system known as Gonets which translates into the word Messenger in English. Davydov says that it is crucial for Russia to have the possibility of ensuring communication with any of its satellites at any time and linking them with the mission control centers. In short, says Davydov, Russia is lifting the Internet into orbit.

The developers emphasize that the "Kosmonet" does not depend on a ground infrastructure. Rather, communications will be maintained with the assistance of terminals and basic stations through satellites. Consequently, emergency situations such as earthquakes or other calamities cannot interrupt the proposed systems communications.

For the Amateur Radio Newsline, I'm Bruce Tennent, K6PZW, in Los Angeles.

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Davydov says that at present, there is no such a system, and his nation hopes to enter into this market first. (Southgate)

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NEWSCAST CLOSE

With thanks to Alan Labs, AMSAT, the ARRL, the CGC Communicator, CQ Magazine, the FCC, the Ohio Penn DX Bulletin, Radio Netherlands, Rain, the RSGB, the Southgate News and Australia's WIA News, that's all from the Amateur Radio Newsline(tm). Our e-mail address is Newsline (at) arnewsline (dot) org. More information is available at Amateur Radio Newsline's(tm) only official website located at www.arnewsline.org. You can also write to us or support us at Amateur Radio Newsline(tm), 28197 Robin Avenue, Santa Clarita California, 91350

For now, with Bill Pasternak, WA6ITF, at the editors desk, I'm Jim Davis, W2JKD, saying 73 and we thank you for listening.

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